

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	11	("20030030737" "5587596" "5729287" "5747840" "6486460" "6501109" "6661459" "6825878" "6982751" "7102680" "7129985").PN.	US-PGPUB; USPAT	ADJ	ON	2009/03/06 17:09
L2	4277	250/208.1.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/03/06 17:19
L3	836	257/223,233.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/03/06 17:20
L4	6838	348/220.1,241,294-324,372. ccls.	US-PGPUB; USPAT	ADJ	ON	2009/03/06 17:20
L5	10951	2 3 4	US-PGPUB; USPAT	ADJ	ON	2009/03/06 17:20
L6	117	(keiji near1 mabuchi).in.	US-PGPUB; USPAT	ADJ	ON	2009/03/06 17:21
L7	38242	substrate near3 voltage	US-PGPUB; USPAT	ADJ	ON	2009/03/06 17:22
L8	807	L7 with (transfer or readout or read out)	US-PGPUB; USPAT	ADJ	ON	2009/03/06 17:22
L9	2	6 and 8	US-PGPUB; USPAT	ADJ	ON	2009/03/06 17:22
L10	118	5 and 8	US-PGPUB; USPAT	ADJ	ON	2009/03/06 17:22
L11	32	10 and cmos	US-PGPUB; USPAT	ADJ	ON	2009/03/06 17:23
S1	93818	substrate with voltage	US-PGPUB; USPAT	ADJ	ON	2008/02/19 11:03
S3	3242	348/302-324.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/02/19 11:05
S4	547	S1 and S3	US-PGPUB; USPAT	ADJ	ON	2008/02/19 11:05
S5	10683	S1 same different	US-PGPUB; USPAT	ADJ	ON	2008/02/19 11:22
S6	70	S5 and S3	US-PGPUB; USPAT	ADJ	ON	2008/02/19 11:22
S7	5597	S1 with different	US-PGPUB; USPAT	ADJ	ON	2008/02/19 11:23
S8	44	S7 and S3	US-PGPUB; USPAT	ADJ	ON	2008/02/19 11:23
S9	39004	(reduc\$3 or lower\$3 or first or second or chang\$3 or varying) with substrate with voltage	US-PGPUB; USPAT	ADJ	ON	2008/02/19 12:03

S11	3242	348/302-324.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/02/19 12:04
S12	239	S9 and S11	US-PGPUB; USPAT	ADJ	ON	2008/02/19 12:04
S13	4508	348/294-324.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/02/19 14:15
S14	62693	dynamic range or dynamic-range	US-PGPUB; USPAT	ADJ	ON	2008/02/19 14:17
S15	141	S14 with voltage with transfer	US-PGPUB; USPAT	ADJ	ON	2008/02/19 14:17
S16	25	S13 and S15	US-PGPUB; USPAT	ADJ	ON	2008/02/19 14:17
S17	1201	S13 and S14	US-PGPUB; USPAT	ADJ	ON	2008/02/19 14:19
S18	469	S17 and voltage with transfer	US-PGPUB; USPAT	ADJ	ON	2008/02/19 14:19
S19	332	S18 and reset	US-PGPUB; USPAT	ADJ	ON	2008/02/19 14:20
S20	244	S19 and substrate	US-PGPUB; USPAT	ADJ	ON	2008/02/19 14:20
S21	93818	substrate with voltage	US-PGPUB; USPAT	ADJ	ON	2008/02/19 14:21
S22	2370	S14 and S21	US-PGPUB; USPAT	ADJ	ON	2008/02/19 14:21
S23	36	S15 and S21	US-PGPUB; USPAT	ADJ	ON	2008/02/19 14:21
S24	233	S17 and S21	US-PGPUB; USPAT	ADJ	ON	2008/02/19 14:21
S25	34209	substrate near3 voltage	US-PGPUB; USPAT	ADJ	ON	2008/02/19 14:22
S26	109	S17 and S25	US-PGPUB; USPAT	ADJ	ON	2008/02/19 14:22
S27	80	S26 and voltage with transfer	US-PGPUB; USPAT	ADJ	ON	2008/02/19 14:23
S28	1	"20060239644"	US-PGPUB; USPAT	ADJ	ON	2008/02/20 11:22
S29	4508	348/294-324.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/02/20 11:58
S30	62693	dynamic range or dynamic-range	US-PGPUB; USPAT	ADJ	ON	2008/02/20 11:58
S31	1201	S29 and S30	US-PGPUB; USPAT	ADJ	ON	2008/02/20 11:58
S32	34209	substrate near3 voltage	US-PGPUB; USPAT	ADJ	ON	2008/02/20 11:58
S33	109	S31 and S32	US-PGPUB; USPAT	ADJ	ON	2008/02/20 11:58
S34	80	S33 and voltage with transfer	US-PGPUB; USPAT	ADJ	ON	2008/02/20 11:58

S35	35	S34 and CMOS	US-PGPUB; USPAT	ADJ	ON	2008/02/20 11:58
S36	2	(5014132 5744968).pn.	US-PGPUB; USPAT	ADJ	ON	2008/02/20 12:27
S37	48	substrate with voltage with dynamic range	US-PGPUB; USPAT	ADJ	ON	2008/02/20 12:30
S38	1	"6661459".pn.	US-PGPUB; USPAT	ADJ	ON	2008/02/20 13:42
S39	1	"20040130641"	US-PGPUB; USPAT	ADJ	ON	2008/02/20 14:05
S40	80920	substrate with (zero or "0" or ground\$3)	US-PGPUB; USPAT	ADJ	ON	2008/02/24 14:15
S41	4514	348/294-324.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/02/24 14:15
S42	268	S40 and S41	US-PGPUB; USPAT	ADJ	ON	2008/02/24 14:15
S43	93935	substrate with voltage	US-PGPUB; USPAT	ADJ	ON	2008/02/24 14:18
S44	170	S42 and S43	US-PGPUB; USPAT	ADJ	ON	2008/02/24 14:18
S45	62818	dynamic range or dynamic-range	US-PGPUB; USPAT	ADJ	ON	2008/02/24 14:18
S46	70	S44 and S45	US-PGPUB; USPAT	ADJ	ON	2008/02/24 14:18
S47	233	S41 and S43 and S45	US-PGPUB; USPAT	ADJ	ON	2008/02/24 14:29
S48	88	S47 and CMOS	US-PGPUB; USPAT	ADJ	ON	2008/02/24 14:30
S49	131905	substrate with (voltage or potential or bias)	US-PGPUB; USPAT	ADJ	ON	2008/02/24 14:41
S50	1886727	readout or read-out or read \$3 out or transfer\$4	US-PGPUB; USPAT	ADJ	ON	2008/02/24 14:46
S51	5252	S49 with S50	US-PGPUB; USPAT	ADJ	ON	2008/02/24 14:46
S52	404	S51 and S41	US-PGPUB; USPAT	ADJ	ON	2008/02/24 14:46
S53	88	S52 and CMOS	US-PGPUB; USPAT	ADJ	ON	2008/02/24 14:46
S54	68621	(p-type or p type) with substrate	US-PGPUB; USPAT	ADJ	ON	2008/02/24 15:07
S55	28442	S49 and S54	US-PGPUB; USPAT	ADJ	ON	2008/02/24 15:08
S56	532	S55 and S41	US-PGPUB; USPAT	ADJ	ON	2008/02/24 15:08
S57	1616	348/372,220.1,241.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/02/25 18:07
S58	376	S57 and substrate	US-PGPUB; USPAT	ADJ	ON	2008/02/25 18:07

S59	145	S58 and (substrate with (voltage or potential))	US-PGPUB; USPAT	ADJ	ON	2008/02/25 18:08
S60	15	(US-20040239791-\$ or US-20060209202-\$ or US-20040252211-\$ or US-20030030737-\$).did. or (US-7102680-\$ or US-6982751-\$ or US-6947089-\$ or US-5828407-\$ or US-5631705-\$ or US-7129985-\$ or US-6515703-\$ or US-5786852-\$ or US-5729287-\$ or US-6661459-\$ or US-6825878-\$).did.	US-PGPUB; USPAT	ADJ	ON	2008/09/19 19:15
S61	7	S60 and cmos	US-PGPUB; USPAT	ADJ	ON	2008/09/19 19:15
S62	100280	substrate with voltage	US-PGPUB; USPAT	ADJ	ON	2008/09/20 23:29
S63	17457	S62 same well	US-PGPUB; USPAT	ADJ	ON	2008/09/20 23:29
S64	1968	S63 and pixel	US-PGPUB; USPAT	ADJ	ON	2008/09/20 23:29
S65	633	S64 and cmos	US-PGPUB; USPAT	ADJ	ON	2008/09/20 23:30
S66	19511	control\$4 with substrate with voltage	US-PGPUB; USPAT	ADJ	ON	2008/09/20 23:32
S67	151	S65 and S66	US-PGPUB; USPAT	ADJ	ON	2008/09/20 23:32
S68	20830	well near2 depth	US-PGPUB; USPAT	ADJ	ON	2008/09/20 23:32
S69	22	S67 and S68	US-PGPUB; USPAT	ADJ	ON	2008/09/20 23:32
S70	67103	dynamic range	US-PGPUB; USPAT	ADJ	ON	2008/09/20 23:41
S71	100280	substrate with voltage	US-PGPUB; USPAT	ADJ	ON	2008/09/20 23:41
S72	173	S70 same S71	US-PGPUB; USPAT	ADJ	ON	2008/09/20 23:41
S73	48	S72 and photodiode	US-PGPUB; USPAT	ADJ	ON	2008/09/20 23:42
S74	24	S73 and cmos	US-PGPUB; USPAT	ADJ	ON	2008/09/20 23:43
S75	2553	substrate with voltage with (transfer or readout or read out)	US-PGPUB; USPAT	ADJ	ON	2008/09/20 23:58
S76	413	S75 same well	US-PGPUB; USPAT	ADJ	ON	2008/09/20 23:58
S77	42	S76 and cmos and photodiode	US-PGPUB; USPAT	ADJ	ON	2008/09/20 23:59

S78	2	JP-2000022126-\$ did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/21 00:04
S79	2	JP-2001257940-\$ did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/21 00:05
S80	0	JP-H03195278-\$ did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/21 00:07
S81	2	JP-03195278-\$ did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/21 00:07
S82	2	JP-04032589-\$ did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/21 00:08
S83	2	JP-58125974-\$ did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/21 00:09
S84	176	well with negative with voltage with (transfer or readout or read out)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/21 00:13
S85	15	S84 and cmos and photodiode	US-PGPUB; USPAT	ADJ	ON	2008/09/21 00:14
S86	176	well with negative with voltage with (transfer or readout or read out)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/21 17:04
S87	15	S86 and cmos and photodiode	US-PGPUB; USPAT	ADJ	ON	2008/09/21 17:04
S88	280	low\$2 with voltage with substrate with (transfer or readout or read out)	US-PGPUB; USPAT	ADJ	ON	2008/09/23 18:33
S89	32931	cmos and pixel	US-PGPUB; USPAT	ADJ	ON	2008/09/23 18:33
S90	25	S88 and S89	US-PGPUB; USPAT	ADJ	ON	2008/09/23 18:33
S91	172	reduc\$3 with substrate with voltage with (transfer\$4 or read\$3 out or readout)	US-PGPUB; USPAT	ADJ	ON	2008/09/23 18:45
S92	15	S89 and S91	US-PGPUB; USPAT	ADJ	ON	2008/09/23 18:46
S93	307	reduc\$3 with readout with voltage	US-PGPUB; USPAT	ADJ	ON	2008/09/23 18:50
S94	113	S93 and cmos	US-PGPUB; USPAT	ADJ	ON	2008/09/23 18:50

S95	50	S93 same pixel	US-PGPUB; USPAT	ADJ	ON	2008/09/23 18:50
S96	34	S95 and cmos	US-PGPUB; USPAT	ADJ	ON	2008/09/23 18:50
S97	1964	(pixel or picel or pel) same (transfer or read\$3 or read out) same substrate same (voltage or potential)	US-PGPUB; USPAT	ADJ	ON	2008/09/29 12:37
S98	7251	(pixel or picel or pel) same (transfer or read\$3 or read out) same transistor	US-PGPUB; USPAT	ADJ	ON	2008/09/29 12:38
S99	6970	(transfer or read\$3 or read out) with substrate with (voltage or potential)	US-PGPUB; USPAT	ADJ	ON	2008/09/29 12:38
S100	481	S98 and S99	US-PGPUB; USPAT	ADJ	ON	2008/09/29 12:38
S101	2023	(lower\$3 or reduc\$4) with (read out or readout) with voltage	US-PGPUB; USPAT	ADJ	ON	2008/09/29 12:39
S102	37	S100 and S101	US-PGPUB; USPAT	ADJ	ON	2008/09/29 12:39
S103	2023	(lower\$3 or reduc\$4) with (read out or readout) with voltage	US-PGPUB; USPAT	ADJ	ON	2008/09/29 16:35
S104	422	S103 and pixel	US-PGPUB; USPAT	ADJ	ON	2008/09/29 16:35
S105	36526	substrate near3 voltage	US-PGPUB; USPAT	ADJ	ON	2008/09/29 16:36
S106	74	S104 and S105	US-PGPUB; USPAT	ADJ	ON	2008/09/29 16:36
S107	24	S106 and cmos	US-PGPUB; USPAT	ADJ	ON	2008/09/29 17:08
S108	52625	substrate near3 (voltage or potential)	US-PGPUB; USPAT	ADJ	ON	2008/09/29 17:20
S109	11722	S108 and cmos	US-PGPUB; USPAT	ADJ	ON	2008/09/29 17:20
S110	71984	(read out or readout or transfer) with voltage	US-PGPUB; USPAT	ADJ	ON	2008/09/29 17:21
S111	1357	S108 same S110	US-PGPUB; USPAT	ADJ	ON	2008/09/29 17:21
S112	428	S109 and S111	US-PGPUB; USPAT	ADJ	ON	2008/09/29 17:21
S113	54	S103 and S112	US-PGPUB; USPAT	ADJ	ON	2008/09/29 17:21
S114	112	S112 and pixel	US-PGPUB; USPAT	ADJ	ON	2008/09/29 17:23
S115	31689	(read out or readout or transfer) with transistor	US-PGPUB; USPAT	ADJ	ON	2008/09/29 17:23
S116	503	S108 same S115	US-PGPUB; USPAT	ADJ	ON	2008/09/29 17:23

S117	87	S116 and cmos and pixel	US-PGPUB; USPAT	ADJ	ON	2008/09/29 17:24
S118	7220	negative with voltage with well	US-PGPUB; USPAT	ADJ	ON	2008/09/29 19:52
S119	100	S118 same pixel	US-PGPUB; USPAT	ADJ	ON	2008/09/29 19:52
S120	45	S119 and (image sensor or camera)	US-PGPUB; USPAT	ADJ	ON	2008/09/29 19:53
S121	2	JP-10248035-\$ did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/29 20:35
S122	2	"20040130641"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/29 20:42
S123	0	cmos and (substrate voltage near3 fixed) and image sensor	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/29 20:46
S124	21	cmos and (substrate voltage near3 fixed)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/29 20:46
S125	58	cmos and (substrate voltage with fixed)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/29 20:47
S126	0	cmos and (substrate voltage with fixed) and image sensor	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/29 20:47
S127	3	cmos and (substrate voltage with fixed) and photoelectric	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/29 20:47
S128	4	cmos and (substrate near2 voltage with fixed) and photoelectric	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/29 20:48
S129	34	cmos and (substrate near2 voltage with fix\$3) and (photoelectric or image near2 sensor or imager)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/29 20:50
S130	30	S129 not S128	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/29 20:50
S131	5	cmos and (substrate near2 bias with fix\$3) and (photoelectric or image near2 sensor or imager)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/29 20:52

S132	556	cmos and (substrate near2 voltage) and (photoelectric or image near2 sensor or imager)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/29 20:53
S133	7573	(substrate near2 voltage) with (chang\$3 or vari\$2 or vary\$3 or lower\$3 or reduc\$3 or increas\$3 or rais\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/29 20:54
S134	119	S132 and S133	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/29 20:54
S135	305	IC tag same print\$3	US-PGPUB; USPAT	ADJ	ON	2008/09/30 20:02
S136	63	S135 and camera	US-PGPUB; USPAT	ADJ	ON	2008/09/30 20:02
S137	0	RF ID same IP address same camera	US-PGPUB; USPAT	ADJ	ON	2008/09/30 20:16
S138	8	RF ID same IP address and camera	US-PGPUB; USPAT	ADJ	ON	2008/09/30 20:16
S139	1659	bias with p well	US-PGPUB; USPAT	ADJ	ON	2008/10/01 20:09
S140	1241	negative with (bias or voltage) with p well	US-PGPUB; USPAT	ADJ	ON	2008/10/01 20:09
S141	45	S140 and pixel	US-PGPUB; USPAT	ADJ	ON	2008/10/01 20:10
S142	1901	well with row with pixel	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/10/01 20:51
S143	0	well with each row with pixel	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/10/01 20:52
S144	1102	S142 and substrate	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/10/01 20:52
S145	4	p well with row with pixel	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/10/01 20:55
S146	15	n well with row with pixel	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/10/01 20:57
S147	1974	n well with bias	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/10/01 21:01

S148	1210	n well with bias with voltage	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/10/01 21:02
S149	1967	n well with bias\$3 with voltage	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/10/01 21:02
S150	1579	p well with bias\$3 with voltage	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/10/01 21:02
S151	2779	S149 S150	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/10/01 21:02
S152	400	p well with bias\$3 with negative with voltage	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/10/01 21:02
S153	336	n well with bias\$3 with positive with voltage	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/10/01 21:02
S154	3609617	S152 "36"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/10/01 21:02
S155	616	S152 S153	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/10/01 21:03
S156	370	S155 and cmos	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/10/01 21:03
S157	22	S155 and cmos and image and pixel	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/10/01 21:03
S158	1	"5747840".pn.	US-PGPUB; USPAT	ADJ	ON	2008/10/02 16:38
S159	1790	348/372,220.1,241.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/10/02 16:43
S160	3508	348/302-324.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/10/02 16:43
S161	4926	348/294-324.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/10/02 16:43
S162	6324	3 5	US-PGPUB; USPAT	ADJ	ON	2008/10/02 16:44
S163	803	257/223,233.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/10/02 16:44

S164	4091	250/208.1.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/10/02 16:44
S165	10266	6 7 8	US-PGPUB; USPAT	ADJ	ON	2008/10/02 16:44
S166	100761	substrate with voltage	US-PGPUB; USPAT	ADJ	ON	2008/10/02 16:45
S167	1191	S165 and S166	US-PGPUB; USPAT	ADJ	ON	2008/10/02 16:45
S168	2241	pixel with well with substrate	US-PGPUB; USPAT	ADJ	ON	2008/10/02 16:46
S169	113	S167 and S168	US-PGPUB; USPAT	ADJ	ON	2008/10/02 16:46
S170	3261	substrate with voltage with (read out or readout or transfer\$4)	US-PGPUB; USPAT	ADJ	ON	2008/10/02 16:46
S171	40	S169 and S170	US-PGPUB; USPAT	ADJ	ON	2008/10/02 16:46
S172	108	(keiji with mabuchi).in.	US-PGPUB; USPAT	ADJ	ON	2008/10/02 16:52
S173	108	(keiji near1 mabuchi).in.	US-PGPUB; USPAT	ADJ	ON	2008/10/02 16:52
S174	508245	substrate.clm.	US-PGPUB; USPAT	ADJ	ON	2008/10/02 16:53
S175	38	S173 and S174	US-PGPUB; USPAT	ADJ	ON	2008/10/02 16:53
S176	22	(US-20040239791-\$ or US- 20040252211-\$ or US- 20030030737-\$ or US- 20020171752-\$ or US- 20060072026-\$).did. or (US- 7102680-\$ or US-6982751-\$ or US-6947089-\$ or US- 5828407-\$ or US-5631705-\$ or US-7129985-\$ or US- 6515703-\$ or US-5786852-\$ or US-5729287-\$ or US- 6661459-\$ or US-6825878-\$ or US-6486460-\$ or US- 5587596-\$ or US-6501109-\$ or US-5747840-\$).did. or (JP- 2000022126-\$).did. or (JP- 2000022126-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2008/10/03 19:29
S177	0	S176 and bayer	US-PGPUB; USPAT	ADJ	ON	2008/10/03 19:30
S178	8	S176 and color filter	US-PGPUB; USPAT	ADJ	ON	2008/10/03 19:30
S179	1	S176 and color filter and ccd and cmos	US-PGPUB; USPAT	ADJ	ON	2008/10/03 19:30

S180	22	(US-20040239791-\$ or US-20040252211-\$ or US-20030030737-\$ or US-20020171752-\$ or US-20060072026-\$).did. or (US-7102680-\$ or US-6982751-\$ or US-6947089-\$ or US-5828407-\$ or US-5631705-\$ or US-7129985-\$ or US-6515703-\$ or US-5786852-\$ or US-5729287-\$ or US-6661459-\$ or US-6825878-\$ or US-6486460-\$ or US-5587596-\$ or US-6501109-\$ or US-5747840-\$).did. or (JP-2000022126-\$).did. or (JP-2000022126-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2008/12/17 15:06
S181	3	S180 and charge pump	US-PGPUB; USPAT	ADJ	ON	2008/12/17 15:06
S182	3	(US-20040252211-\$).did. or (US-6825878-\$ or US-6501109-\$).did.	US-PGPUB; USPAT	ADJ	ON	2008/12/17 15:07
S183	105431	substrate with voltage	US-PGPUB; USPAT	ADJ	ON	2009/03/05 10:38
S184	38242	substrate near3 voltage	US-PGPUB; USPAT	ADJ	ON	2009/03/05 10:38
S185	5306	348/294-324.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/03/05 10:38
S186	807	S184 with (transfer or readout or read out)	US-PGPUB; USPAT	ADJ	ON	2009/03/05 10:39
S187	84	S185 and S186	US-PGPUB; USPAT	ADJ	ON	2009/03/05 10:39
S188	6	("4717945" "6760073" "6933976" "7015964" "7050100" "7102680").PN. OR ("7388611").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/05 10:52
S189	51591	well near3 voltage	US-PGPUB; USPAT	ADJ	ON	2009/03/05 11:49
S190	800	S189 with (transfer or readout or read out)	US-PGPUB; USPAT	ADJ	ON	2009/03/05 11:49
S191	66	S185 and S190	US-PGPUB; USPAT	ADJ	ON	2009/03/05 11:50
S192	2	JP-2000022126-\$.did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/03/05 13:37
S193	2	JP-2001257940-\$.did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/03/05 13:38

S194	2	JP-03195278-\$ did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/03/05 13:39
S195	2	JP-58125974-\$ did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/03/05 13:40
S196	33	(US-20040239791-\$ or US-20040252211-\$ or US-20030030737-\$ or US-20020171752-\$ or US-20060072026-\$ or US-20020105586-\$).did. or (US-7102680-\$ or US-6982751-\$ or US-6947089-\$ or US-5828407-\$ or US-5631705-\$ or US-7129985-\$ or US-6515703-\$ or US-5786852-\$ or US-5729287-\$ or US-6661459-\$ or US-6825878-\$ or US-6486460-\$ or US-5587596-\$ or US-6501109-\$ or US-5747840-\$ or US-7388611-\$ or US-7365785-\$ or US-7292274-\$ or US-7161625-\$ or US-6559889-\$ or US-5181101-\$ or US-4963983-\$).did. or (JP-2000022126-\$).did. or (JP-2000022126-\$ or JP-03195278-\$ or JP-2001257940-\$ or JP-58125974-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/03/05 18:25
S197	11	S196 and cmos	US-PGPUB; USPAT	ADJ	ON	2009/03/05 18:25
S198	837	cmos same (four transistor or "4T") with pixel	US-PGPUB; USPAT	ADJ	ON	2009/03/06 13:51
S199	1	"7420154".pn.	US-PGPUB; USPAT	ADJ	ON	2009/03/06 14:22
S200	603	cmos same (three transistor or "3T") with pixel	US-PGPUB; USPAT	ADJ	ON	2009/03/06 14:23
S201	315	S198 same S200	US-PGPUB; USPAT	ADJ	ON	2009/03/06 14:23
S202	5	S201 same advantage	US-PGPUB; USPAT	ADJ	ON	2009/03/06 14:23
S203	1659	(four transistor or "4T") with pixel	US-PGPUB; USPAT	ADJ	ON	2009/03/06 14:24
S204	1269	(three transistor or "3T") with pixel	US-PGPUB; USPAT	ADJ	ON	2009/03/06 14:25
S205	16	S203 same S204 same advantage	US-PGPUB; USPAT	ADJ	ON	2009/03/06 14:25

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